

Title (en)
DEVICE AND METHOD FOR MULTIPARAMETRIC ANALYSIS OF MICROSCOPIC ELEMENTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR MEHRFACHPARAMETERANALYSE MIKROSKOPISCHER ELEMENTE

Title (fr)
DISPOSITIF ET PROCEDE D'ANALYSE MULTIPARAMETRIQUE D'ELEMENTS MICROSCOPIQUES

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Application
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Abstract (en)
[origin: WO2006111641A2] The invention concerns a device (DA) for analyzing microscopic elements, comprising firstly a measuring space (CM) for microscopic elements to be analyzed, secondly at least one source (S) delivering conjugated rays at the measuring space (CM), having at least two different analyzing wavelengths and designed to interact with the microscopic elements in the measuring space (CM) to form interacting rays, thirdly coding means (M) for encoding the rays upstream of the measuring space (CM) with different codes, fourthly optical filtering means (FO) for selectively filtering the interacting rays of fluorescence and/or diffusion depending on their wavelength, fifthly detecting means (DE, DF) for transforming into electric signals part at least of the interacting rays from the measuring space (CM), and sixthly analyzing means (MA) including decoding means (DRE, DRF) for decoding the electric signals to enable data representing the analyzed microscopic elements to be determined.

IPC 8 full level
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